



Purchasing Division  
 2019 Washington Street East  
 Post Office Box 80130  
 Charleston, WV 25305-0130

State of West Virginia  
 Request for Quotation  
 10 - Consulting

Proc Folder: 199642

Doc Description: Addendum 1-Senior SAP BW Consultant

Proc Type: Central Contract - Fixed Amt

Date issued	Solicitation Closes	Solicitation No	Version
2016-08-16	2016-08-30 13:30:00	CRFQ 0313 DEP1700000001	2

**BID RECEIVING LOCATION**

BID CLERK  
 DEPARTMENT OF ADMINISTRATION  
 PURCHASING DIVISION  
 2019 WASHINGTON ST E  
 CHARLESTON WV 25305  
 US

**VENDOR**

Vendor Name, Address and Telephone Number:

A.C. Coy Company (724) 820-1820  
 395 Valley Brook Rd.  
 McMurran, PA 15317

08/26/16 13:49:47  
 WV Purchasing Division

**FOR INFORMATION CONTACT THE BUYER**

Jessica S Chambers  
 (304) 658-0248  
 jessica.s.chambers@wv.gov

Signature X FEIN # DATE

All offers subject to all terms and conditions contained in this solicitation

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: DEP17000001**

**Instructions:** Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

**Acknowledgment:** I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

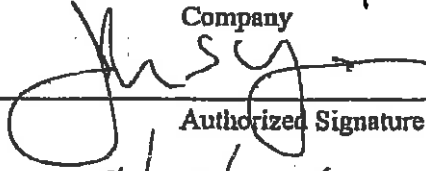
**Addendum Numbers Received:**

(Check the box next to each addendum received)

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6  |
| <input type="checkbox"/> Addendum No. 2            | <input type="checkbox"/> Addendum No. 7  |
| <input type="checkbox"/> Addendum No. 3            | <input type="checkbox"/> Addendum No. 8  |
| <input type="checkbox"/> Addendum No. 4            | <input type="checkbox"/> Addendum No. 9  |
| <input type="checkbox"/> Addendum No. 5            | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

A. C. COY Company  
Company

  
Authorized Signature

8/24/2016  
Date

**NOTE:** This addendum acknowledgement should be submitted with the bid to expedite document processing.  
Revised 6/8/2012

Solicitation No.

DEP 1700000001

STATE OF WEST VIRGINIA  
Purchasing Division

# PURCHASING AFFIDAVIT

**MANDATE:** Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

**EXCEPTION:** The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

**DEFINITIONS:**

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

**AFFIRMATION:** By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: A. C. Coy Company

Authorized Signature: [Signature] Date: 8/29/2016

State of PA

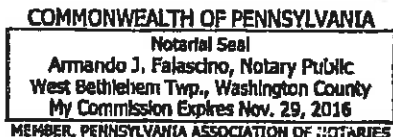
County of Washington, to-wit:

Taken, subscribed, and sworn to before me this 24 day of August, 2016

My Commission expires Nov 29, 2016

AFFIX SEAL HERE

NOTARY PUBLIC [Signature]  
Purchasing Affidavit (Revised 08/01/2015)



### SAP Business Warehouse Consultant

#### Professional Summary

Zaka is a specialist in the fields of Business Intelligence and Data Warehousing with over nine years of strong experience in Implementing Enterprise Scale Reporting Solutions. He has excellent interpersonal, communication and analytical skills with demonstrated abilities in Customer Relationship Management. Zaka has strong problem solving & technical skills coupled with confident decision making for enabling effective solutions leading to high customer satisfaction as well as low operational costs. He also has strong organizational, time-management and planning skills to deliver projects on time/budget, despite intense pressure and aggressive timeline.

	Qualifications	Yrs. of Exp.	Company experience obtained	Yes/ No
3.1.1	Minimum of (5) years of experience in ETL, Data Quality, Data Warehousing implementation, and system training using SAP Business Object BI Suite and system training using SAP Business Objects BI Suite and SAP Information Steward	7	People Natural Gas, Ace Technologies, DHCC, EMAL, Medicine Middle East, Getz Parma (Pvt) Ltd	Yes
3.1.2	Minimum of (2) years of experience with Oracle RDBMS experience in data conversion and loading.	10	People Natural Gas, Ace Technologies, DHCC, EMAL, Medicine Middle East, Getz Parma (Pvt) Ltd	Yes
3.1.3	Minimum of (2) years of experience in data conversion and loading XML applications.	6	People Natural Gas, Ace Technologies, DHCC, EMAL, Medicine Middle East	Yes
3.1.4	Minimum of (5) years of experience data warehouse modeling experience	10	People Natural Gas, Ace Technologies, DHCC, EMAL, Medicine Middle East, Getz Parma (Pvt) Ltd	Yes
3.1.5	Senior SAP BW Consultant is a U.S. Citizen or eligible to work in the United States	10	People Natural Gas, Ace Technologies, DHCC, EMAL, Medicine Middle East, Getz Parma (Pvt) Ltd	Yes
4.1.1	Mandatory Requirements	Yrs. of Exp.	Company experience obtained	Yes/ No

4.1.1.1	The Senior SAP BW Consultant will work with our clients' Staff to establish, design, create and populate a data warehouse for our client to provide a basis for reporting and data quality actives.	10	People Natural Gas, Ace Technologies , DHCC, EMAL, Medicine Middle East, Getz Parma (Pvt) Ltd	Yes
4.1.2	The Senior SAP BW Consultant will assist in the creation of Standard Operation Procedures related to the operation and maintenance of the clients' data warehouse.	10	People Natural Gas, Ace Technologies , DHCC, EMAL, Medicine Middle East, Getz Parma (Pvt) Ltd	Yes
4.1.3	The Senior SAP BW Consultant will provide 500 hours to develop training materials and provide training to the IRIS Development staff. Training will cover technical efforts in supporting the client's Data Warehouse, ETL, Quality and Reporting. This training will be supplemental in nature being specific to our clients' operations. Our client's Developer staff will receive Product training separately.	7	People Natural Gas, Ace Technologies , DHCC, EMAL, Medicine Middle East	Yes
4.1.4	<b>ERIS:</b> is designed to track the regulatory activities of the mining, oil and gas, air quality, and water and waste management programs of the clients'. The vendor shall provide the ETL and Data Flows as needed of all applications comprising this legacy system and its conversion if scheduled during the term of this contract.	6	People Natural Gas, Ace Technologies , DHCC	Yes
4.1.5	<b>Web AML:</b> The vendor shall provide the ETL and Data Flows as needed of all applications compromising this system.	5	People Natural Gas, Ace Technologies , DHCC	Yes
4.1.6	<b>Electronic Submission System:</b> The vendor shall provide the ETL data flows as needed for all applications comprising the system.	4	People Natural Gas, Ace Technologies, DHCC	Yes
4.1.7	<b>Access and Excel:</b> Many MS Access and MS Excel applications exist in the system. The Vendor shall provide the ETL and Data Flows as needed of all applications using MS Access and MS Excel where needed and identified.	10	People Natural Gas, Ace Technologies, DHCC, EMAL, Medicine Middle East, Getz Parma (Pvt) Ltd	Yes
4.1.8	<b>Airtrax (2):</b> The Vendor shall provide the ETL and Data Flows as needed of all applications comprising this system and its conversion if scheduled during the term of this contract.	5	People Natural Gas, Ace Technologies, DHCC	Yes
4.1.9	<b>SPREC:</b> in the Special Reclamation tracking system, the vendor shall provide the ETL and Data Flows as needed of all applications comprising this system and its conversion if schedules during the term of this contact.	7	People Natural Gas, Ace Technologies, DHCC, EMAL, Medicine Middle East	Yes
4.1.7a	<b>Dam Safety:</b> MS Access/ORACLE tracking system. The vendor shall provide the ETL and Data Flows as needed of all applications comprising this system and its conversion if scheduled during the term of this contract.	7	People Natural Gas, Ace Technologies, DHCC, EMAL, Medicine Middle East	Yes

4.1.8a	<b>Air Quality:</b> A data feed to the EPA for the Air Quality data is being created using the Exchange Network. An Access tool is being developed to push data to Oracle from multiple (7) Access databases that are currently supported by the program office. A process must be developed and maintained to create a central Access database which will be used to push data to Oracle, which then can be formatted to XML and submitted for data reception.	5	People Natural Gas, Ace Technologies, DHCC	Yes
4.1.9a	<b>Watershed Assessment Branch:</b> The creation and maintenance of a well formatted XML data feed is needed to transmit WAB to the EPA.	7	People Natural Gas, Ace Technologies, DHCC, EMAL, Medicine Middle East	Yes
4.1.10	<b>Project Status Deliverable:</b> The vendor must present a Project Status Deliverable on weekly basis to identify new tasks, status of current tasks for all projects and any issues or delays with the progress of any or all project(s) and time devoted to each task.	10	People Natural Gas, Ace Technologies, DHCC, EMAL, Medicine Middle East, Getz Parma (Pvt) Ltd	Yes
	<b>Project Plan Deliverable:</b> The Senior SAP Business Warehouse Consultant in the RFQ, the vendor's successful candidate must provide a Project Plan Deliverable at the beginning of each project and supply monthly Project Status Deliverables with an updates Project Plan as needed.	7	People Natural Gas, Ace Technologies, DHCC, EMAL, Medicine Middle East	Yes

#### AREA OF EXPERTISE

- SAP consulting experience across different industry sector such as Automotive, machine and equipment manufacturing, Pharmacy Industry.
- Experienced in SAP HANA implementation, SAP System Landscape transformation (SLT), and SAP HANA data Modeling using Attribute View, Analytic View and Calculation Views. Knowledge in using SAP BO.
- Experienced in importing SAP BW Models in SAP HANA, Converting the standard DSO into HANA Optimized DSO, Standard Info Cube into HANA optimized Info cube.
- Expertise in designing and implementing the DSO's, Info Cubes and MultiProviders as per the SAP Best practices.
- Extensively worked on the features of BI 7.0 like transformations, Data Transfer Process, Remodeling of the Info Cubes, Error DTPs, Data Store Objects, Start Routine, End Routine and the New Data Source.
- Extensively involved in Managing of Info Cubes and resolving the reporting performance issues by updating the Indexes and Statistics, Compression of Info Cubes, logical and physical partitioning, Aggregates, Maintaining Accelerator Indexes and Rolling up of the data.
- Expertise in LO (SD, MM, PP, QM), FI/CO, COPA, PS, CRM Service, Sales, Master Data and Generic data extraction Mechanisms.
- Experience in CRM, ERP (SAP R/3), working in SD, MM, FI, CO, PM, QM, WM & HR Modules using ABAP Objects. Additionally on Net weaver technologies.
- Experienced in activating standard Business Content, extending and enhancing using User Exits according to the End-user requirements
- Involved in Post-Production support that includes monitoring of process chains and data loads, reconstruction of Data targets in case of failed loads, rescheduling of process chains, debugging of transfer, update routines and transformations.
- Expertise in creating BEx queries using structures, variables, calculated key figures, restricted key figures, cell Restrictions and RRI Jump Queries.
- ABAP (Related to BW) – Expertise in ABAP programming for writing the User exits using CMOD and in writing the start routine, end routine, expert routine and info object routines

- Worked extensively to debug the existing SAP program and modify the code using modification assistant to customize the program as per requirements.
- Expertise modifying standard templates and creating custom templates Using Web Application Designer.
- Extensively worked on Extracting Data using DB Connect and Flat Files.
- Experience training end users in BEx reports, workbooks, Crystal reports and X Celsius
- Experience in various Business Objects Applications (Universe Designer, Webi, Crystal Reports and X Celsius using SAP Integration kit.).
- Experience in configuring BW publisher to publish crystal reports to BOE Server.
- Extensively worked on creating captivating Interactive Xcelsius Dashboards using Query as Web Service and the New SAP BI Connector
- Expert Extensively worked on creating highly formatted Crystal Reports using options such as Charts, Grouping, Sorting, Alerts and Field highlighting. Also in upgrading the BW systems from versions 3.1c and 3.5 to 7.X,
- Solid experience on SAP system Administration in UNIX, Linux and Windows environment in a DEV/STAGING/PRD systems landscapes
- Worked in portal Monitoring - Component Monitor, Trex Monitor, Web Dispatcher, ITS connection and verify the J2EE cluster logs
- Analyzed system logs, ABAP dump, Table lock, and Update errors
- Expert in designing, developing, maintaining and optimizing the Universes using Designer module
- Extensive knowledge in administration and Troubleshooting of Transport Management System (TMS).
- Security administration - creating users, roles, assign authorizations.
- Setup and manage RFC destination, Client management,
- Job management: Creating, Scheduling background jobs and resolving any terminated jobs
- Monitoring CPU utilization, file system, disk space and analyze Top CPU users.
- Set up parameters for user logon and locate authorization problems.
- Conduct load balancing across Central Instance and active application servers and maintain system profile parameters for performance according to the SAP recommendation.
- Knowledge about Business Objects Security Model and experience with Business Objects Security Implementation
- Expertise in working with all the modules of Business Objects (All Versions including XIR3) like Supervisor, Designer, BO User, Web Intelligence, Desktop Intelligence, CMC, CMS, BCA, BO SDK and Crystal Reports.
- Experience with Data Extraction Transfer Loading (ETL) using SAP BOBJ Data Services 3.2 to 4.2 for loading data from SAP ECC system to SAP HANA
- Expert in Data migration / Data Conversion using BODS/LSMW / BAPI / and IDOCS
- Involved in complete cycle for 9 SAP DATA MIGRATION projects (End-to-End
- Experience working with SAP Data migration / Conversion / Integration and ETL tools using SAP Data Services –BODS 3.2 /4.0 / 4.1 / 4.2.
- Expert in implementing aggregates, linked universes, drill-through and dynamic modules.
- Experience in Training & Supporting end-user reporting needs using Business Objects

#### **TECHNICAL SKILLS**

- Data warehousing tools: HANA STUDIO, SAP BW Netweaver 7.4,
- Databases: Oracle, MS-Access, and MSSQL.
- ERP Package: SAP ECC 5, ECC 6, and CRM
- Reporting Tools: SAP XQuery Designer, Web Intelligence, Crystal Reports, and X Celsius and Design studio

## PROFESSIONAL EXPERIENCE

People Natural Gas, Pittsburgh, PA

Jan 2015 –Present

Lead BI/BO Consultant – People Natural Gas - Pittsburgh, PA

- Project involved the cross techno functional implementation of BW, SD and FI/CO modules for analyzing overdue for AR items, payment history of various customers, account balances, financial statements for different time frames.
- SAP BW Net weaver (3.x, 7.4) module SD and FI/CO Be XQuery Designer, HANA 1.4, STUDIO, PBC 10.0 Business Objects 4.1 and 4.2 SP6 (BODS, Universes, Xceslus.Web Intelligence, Design studio As a Senior BI consultant involved in full life cycle including requirement gathering, GAP analysis and project scope planning.
- Accountable for BI reporting for Sales, Billing and Finance modules.
- Worked extensively with Sales Order, Billing, Delivery/schedule line and Document condition objects. Enhanced the data sources 2LIS\_11\_VAHDR, 2LIS\_11\_VAITM, 2LIS\_11\_VASCL, 2LIS\_13\_VDITM, 2LIS\_13\_VDHDR.
- Extracted data from non-SAP source system using DB connect and flat files interface.
- Created Transformation Routines, Start Routines, and End Routines as per the requirement and for the lookups from one DSO to other. Testing and Debugging of routines.
- Designed DSO's for SD module for Sales Header, Sales order Item, Billing Items, Schedule line, Sales History, Sales Quota, FI/GL etc.
- Created Transformation mappings, DTPs, Info packages for all above DSOs.
- Involved In Performance enhancement features such as Cube Indexing, maintaining Aggregates, Rollups and cube Compression.
- Handled Various Post Production Support Issues related to Short Dumps, Data Loading, Monitoring, and Database Space.
- Worked on Scenarios to optimize HANA procedures to provide results at much faster time frames.
- Worked on SAP BPC 7.5 NW Planning/Budgeting/Forecasting implementation from Blueprint to implementation and going live.
- Developed Business Process Flows to guide end-users through pre-defined sequential tasks that span across the different departments within the organization.
- Involved in data extraction and conversion between BPC and non-ERP systems with extractors and ETL tools.
- Developed custom Process chains to support master data and transaction data loads from BI to BPC.
- Created Package links to bundle more than one packages and to run sequentially.
- Used Modeling functions such as Spread, Trend and weight to distribute the allocation to base members.
- Performed data modeling and developed Analytical views for the transactional data, Attribute views for the master data, and the calculation views as final model in HANA Studio.
- Migrating standard Infocubes to In memory optimized Infocubes using migration Tool.
- Migrating standard DSO's to In-memory optimized DSO's using migration Tool.
- Importing the BW Models in to HANA using HANA Studio.
- Consuming the HANA Models in BW by creating the Transient Providers.

### Reporting

- Created custom queries to compare and show sales according to region and cost center for the company products.
- Created reports to evaluate open items by due date for accounts receivable through BEx analyzer.
- Developed reports using query designer, BEx analyzer, Webi and xcelcius. Design studio.
- Created customer exit/authorization variable, Restricted variable with BEx offset.
- Worked with Web Application Designer to create templates for presenting the sales and shipment history.



- Created and maintained universes on OLAP (Online Transaction Analytical Processing) databases.
- Created Universe pre-defined filters, Dimension Objects and Calculated measures in OLAP universe.
- Worked on deployment of Webi, Xcelcius and design studio dashboards.
- Extensively created and used alerted, rankings, sorts, and drill-down in reports.
- Exported the universes to the Repository to making resources available to the users.
- Created Dashboard using Advanced features as Dynamic Visibility, Insertion Type (Position, Value, Label, Filtered Row, Status List, Row, Column), Linking of Dashboards, Alerted, Ignore End Blanks.

### **Administration**

- BO Upgrade and also responsible for applying service pack and fix pack to BO Installation and also deployed WAR files after upgrade.
- Ensured all the environments are in synchronization and checked supported environments and hardware requirements from the Products Availability Report (PAR) document for the new installation.
- Installed Microsoft .net framework prior to the installation of BOXIR3.1 for successful installation of all the BO components.
- Transferred CMC data between old and new version either through CMC/BIAR File/Import Wizard.
- Apart from promoting info objects, used Life Cycle Manager to create, copy, Edit and scheduled a job.
- Maintained & managed different versions of the same document using Life Cycle Manager.
- Verified the remaining Business Objects installation works without any issues.
- Validated the installation by checking the public folders, Reports in Personal folders, Groups, Row level security, Scheduling and by running some sample reports.
- Participated in detailed report design and created design specifications documents at report level.
- Designed and developed ETL routines in BODS modified or created new Data Services jobs to meet project requirements.
- Sound understanding of end-to-end Data Migration process including Extraction, Data Profiling, Transformation and Generation of Load ready data files in LSMW format.
- Created repository and security domain with user groups and security implementation.
- Extensively worked with security issues and user maintenance.
- All the Scheduled report jobs were built and maintained through Info view. Output destinations include email and user BO Inbox in various formats such as PDF & Excel.
- Involved in the Single Sign-On (SSO) application team for the Operations Updates project and used the
- Worked on setting up Security and Audit settings to ensure user entitlements and access rights.
- Worked exclusively on Work Status and integrating the Work States with Business Process Flows.
- Configured drill-through functionality in Reports to see the underlying data from external databases.
- Involved in SAP BPC implementation, configuration, and upgrade and environment management.
- Adminstrated Oracle database: Space Management and other Database activities using BRTOOLS and SQL plus.
- Worked on SAP Security in all SAP Modules like HR, FICO, MM, PM, PP and SD.
- Transport Administration - Troubleshooting and Monitoring issues related to Transports.
- Performed system refresh from PRD to QAS.
- Day to day support for the Development, Testing and production environments.
- Applied SAP correction notes as per the SAP and Developers requirements.
- Monitoring backups and investigate the logs for unsuccessful backup.
- Monitoring Table space growth, Resizing and adding data files to the table spaces using BRTOOLS and verifying database consistency.

**Technologies:** SAP BW Net weaver (3.x, 7.4) module SD and FI/CO Be XQuery Designer, HANA 1.4, STUDIO, PBC 10.0 Business Objects 4.1 and 4.2 SP6 (BODS, Unlverses, Xcesius.Web Intelligence, Design studio)

**Ace Technologies - San Jose, CA**

**Feb 2012-Dec 2014**

Senior Consultant (Projects with Nicklos Drilling Co, PG&E, Genesis Healthcare, and General Mills)

- Work as Senior Data Architect and Business Intelligence (Including WebI & Crystal Reports) Specialized in Oracle BI domain, SAP BW, HANA SAP business objects.
- Maintenance and support activities of BW systems.
- Maintenance and support activities of BW systems. Used and modified different ODI knowledge modules.
- Responsible for analyzing project requirements, specifications, impact to existing systems and business areas and preparing time and cost estimates for systems development work.
- Report on status of systems and projects on a regular and timely basis.
- Worked on the task of incorporating new company code in the existing BW DEV, QA and PRD systems.
- Escalate anticipated risk with mitigation and contingency options to management promptly.
- Develop strategic partnerships with systems and business management and develop understanding of business unit's goals and processes.
- Prepared technical documents for company code enhancement task.
- Performed activity across the system for identification of BW objects for enhancement.
- Create Batch and Real time packages in ODI.
- Added company code Info Object in data sources, DSO's, info Cubes and Multi-providers across the BW Dev system.
- Install and configure Oracle Stream /Log miner packages on database I for change data capture.
- Responsible for transporting all the BW Objects with company code field to BW QA and PRD systems.
- Built business model and mapping layer, which include hierarchies, dimensions, and aggregates.
- Involved in preparing document to analyze query performance using BI statistics.
- Conducted End user training on key BW toolsets such as BEx Analyzer and DWWB.
- Developed reports based on user requirements in BEx query designer.
- Modeled and developed custom data models in order to fulfill user reporting req.
- Involved in implementation of SAP BW 7.1 on FICO.
- Recognize the need for improvement in existing process/applications, present solutions and implementation plan to team.

#### **Technology**

##### **SAP Modules:**

- IS Retail, Finance, SD MM, HANA modulator, PM, SRM, FI-CO, PP, PS, IM, WM CRM, SCM, ECC, ISU

##### **Platforms:**

- BO 4.1, BW 7.1 and ECC 6.0, and Excel
- BO 4.1, BW 7.4 and ECC 6
- BW 7.3, BO 4.3 and ECC 6
- BW 7.1, BO 4.1 (Edge) and ECC 6

**DHCC (Dubai Healthcare City)**

**Mar 2011-Jan 2012**

BW Senior Consultant

- Worked as SAP Developer position for building Business Intelligence (including WebI & Crystal Reports) Data Warehouse in healthcare domain.
- Define project scope, develop project plans, gather and document business requirements.

- Business data modeling and analysis and a thorough understanding of relational data structures, database star and snowflake schemas and OLAP concepts.
- Manage & Lead BI resources and all operational, project and managerial activities related to SAP BW
- Wrote various ABAP routines to meet customers' requirements.
- Develop and maintain SAP BW extractor and update programs using BW 3.0B and 3.5. Modules: FI-CO, non-SAP systems using DB Connect.
- Perform analysis and tuning of the BW environment including identifying missing or degenerated indexes, compression, partitioning, BW and DB statistics, locally managed tablespaces and aggregates.
- Development of Reports using BEx Analyzer, Report/Report Interface (RRI).
- Organize and develop documentation and user scripts for implementation testing phases and business user training.
- Train and mentor employees for BIW Development.

#### **Technologies:**

SAP Modules: SAP BW Net weaver (3.x, 7.x) module (FI-CO, ECC), Be XQuery, Designer

**EMAL, United Arab Emirates**  
SAP BI Consultant

**Jan 2010-Jan 2011**

- Planned, scoped and managed operations of the BW upgrade project using ASAP Upgrade methodology. Responsible for the technical and application upgrade, including the existing BW infrastructure from BW version 1.2B to 2.0B.
- Managed and developed the project plans, assigning tasks to team members on the BW Upgrade Project.
- Responsible for BW Web presentation and implementation.
- Security Strategy – developed and implemented security strategy to manage users and reports.
- Identified and managed the cut over strategies for each stage.
- Maintaining and adapting custom development including: cubes, structures, custom ABAP and interfaces in SAP R/3 User Exits, BW Update Rules and Transfer Rules.
- Defining Quality Assessment process and parameters.
- Ability to take a lead role in working with users gathering business requirements, performing logical design, and implementing physical design.
- In depth technical knowledge of how the table-level functions in BW, including an understanding of the indexing issues.

#### **Technologies:**

SAP Modules: SAP BW Net weaver (3.x, 7.0), FI-CO

**Medicine Middle East, United Arab Emirates**  
SAP BW Consultant/ Corporate Data Warehouse

**Dec 2008-Dec 2009**

- BW implementation from various SAP modules including: Sales & Distribution (SD), Profit Center Accounting (PCA), Cost Center Accounting (CCA), Financial Accounting (A/P), Accounts Receivable (A/R), Fixed Assets, and Overhead Projects (WBS).
- Managed BW Job Scheduling processes for daily, weekly and monthly by automating the functions and data loads using events.
- Tracking issues, enhancements and assigning to the appropriate team member on a day-to-day basis.

- Providing troubleshooting support for BW Users from the back-end (cube and Oracle Database level), ETL Tool (Informatics) and Reporting using BEx Analyzer.
- Analysis and recommendations provided to users and management on BW business and data content.
- Support and development of Standard and Custom Hierarchies within BW.

**Technologies:**

SAP Modules: Began initial planning for the upgrade from BW 7.0B to 7.10B

**Getz Parma Ltd., Karachi, Pakistan**

**Feb 2007 to Nov 2008**

**Junior Business Analyst/ Corporate Data Warehouse**

- Development and implementation of automated collection processes for the Corporate Data Warehouse Using UNIX/Oracle, NT and Informatics ETL tool.
- Successfully developed and implemented a Corporate Data Warehouse for multiple business areas including HR, Wholesale, Retail and Marketing business areas using UNIX/Oracle.
- Was involved in activities regarding connectivity of BI with the ECC source system.
- Worked as a consultant on the implementation of SAP BW 7.1 and BO at Getz Parma (Pvt) Ltd.
- Installed and activated BI contents for FI, MM, IM, PP, SD, modules.
- Created custom data sources, Info Cubes, DSO, Multi provider, Info sets and Info Objects for FI, MM and PP Module.

**Technologies:**

SAP BW Net weaver (3.x, 7.x) (FI-CO, PP, MM, SD, CRM, ECC), Be XQuery Designer

**EDUCATION**

Master in Finance

Greenford University, Manchester, UK

Jan 2006 – Jan 2007

Bachelor of Science Finance

Greenford University, Manchester, UK

Sept 2002 – Dec 2005

Q&A Levels, Govt. Degree,

SCI College

1998 – 2002